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**Himco Dump Superfund Site
Proposed Plan Technical Meeting
October 28, 2003**

Meeting Minutes

EPA Region 5 Records Ctr.



216829

The following provides minutes of the Himco Dump Superfund Proposed Plan Technical team meeting held on October 28, 2003 at the U.S. EPA Region 5 office in Chicago, Illinois.

I. ATTENDEES

<u>NAME</u>	<u>ORGANIZATION</u>	<u>PHONE</u>
Gwen Massenburg	U.S. EPA Region 5	(312) 886-0983
Patricia Van Leeuwen	U.S. EPA Region 5	(312) 886-4904
Jessica Huxhold Fliss	IDEM	(317) 233-2823
Steven Davis	IDEM	(317) 232-8854
Teresa Reinig	USACE Omaha	(402) 221-7661
Don Moses	USACE Omaha	(402) 221-3077
Rick Grabowski	USACE Omaha	(402) 221-7784
Rich Kapuscinski	Consultant	(703) 451-2075
Mike Wolfert	ARCADIS	(631) 391-5238
Larry Hosmer	ARCADIS	(410) 987-0032

II. AGENDA

Agenda items for the October 28 meeting included:

- Introductions & Agenda Review
- Objective/Purpose
- Status Update
- Principles
- Review of Proposed Remedial Components
- Wrap-up & Action Items

III. MINUTES

Ms. Gwen Massenburg opened the Technical meeting at 1300 on October 28 at the U.S. EPA Region 5, 6th floor Conference Room in Chicago, IL. Ms. Teresa Reinig recorded minutes. All action items resulting from this meeting are listed individually in Item IV. The following summarizes discussion of each agenda item that was discussed in the meeting.

Introductions & Agenda Review and Objective/Purpose

Each individual in attendance provided an introduction, including representation and role on the Himco Dump Superfund Site project. Ms. Massenburg provided a review of the agenda, the objective of the meeting.

Status Update

Ms. Massenburg provided an update on the Elkhart development plans and grant from EPA. E², a redevelopment consultant for EPA will attend the November 19, 2003 reuse meeting with the City of Elkhart, IDEM, EPA and representatives of the PRPs.

Verbal verification was provided by U.S. EPA that no additional groundwater or well water data will be collected or is programmed for since the completion of the Supplemental Site Investigation/Site Characterization Report dated December 2002.

Principles

Mr. Kapuscinski provided opening comments on the progress of discussions pertaining to the remedy components for the Himco site. The Remedial Action Objectives (RAOs) will be utilized as a tool for the negotiations for remedial action selection. The draft 10-27-03 RAOs were reorganized by Mr. Kapuscinski in an order of the risk factor and defined by risk standards to achieve consistency.

The following RAOs were agreed upon in principle by attendees. The terminology utilized may require further refinement during the ongoing technical negotiations as all parties present agreed upon the concepts.

Groundwater:

- To prevent the use of water which contains site-related carcinogens in excess of MCLs and/or presents a total excess cancer risk above EPA's acceptable risk range of 1×10^{-4} to 1×10^{-6} for all contaminants in all groundwater pathways (inhalation, ingestion, direct contact).
- To prevent the use of water which contains site-related noncarcinogens in excess of MCLs and/or presents a total noncarcinogenic HI > 1 for all contaminants in all groundwater pathways (inhalation, ingestion, direct contact).
- To prevent the use of water which contains site-related **(Pat please provide the specific chemical to be inserted – Na, Ca, Fe, etc.)** non-hazardous substances in excess of their upper intake limits or recommended dietary allowances for sensitive populations.
- To establish a groundwater monitoring program that will ensure compliance with the RAOs for groundwater listed above.

Air:

- To prevent inhalation of air which contains carcinogens that present a total excess cancer risk above U.S. EPA's acceptable risk range of 1×10^{-4} to 1×10^{-6} for all site-related contaminants from the release of subsurface vapors.
- To prevent inhalation of air which contains noncarcinogens that present a total noncarcinogenic HI > 1 for all site-related from the release of subsurface vapors.
- To prevent hydrogen sulfide and methane from migrating beyond the landfill boundary.
- To establish an air monitoring program that will ensure compliance with the RAOs for air listed above.

CDA Soils:

- To prevent exposure to soil which contains carcinogens that present a total excess cancer risk above EPA's acceptable risk range of 1×10^{-4} to 1×10^{-6} for all contaminants via ingestion, inhalation, and dermal contact.
- To prevent exposure to soil which contains noncarcinogens that present a total noncarcinogenic HI > 1 for all contaminants via ingestion, inhalation, and dermal contact.
- To prevent direct contact with the CDA contents that presents a physical hazard.

Landfill Soil:

- To prevent exposure to soil which contains carcinogens that presents a total excess cancer risk above EPA's acceptable risk range of 1×10^{-4} to 1×10^{-6} for all site related contaminants via ingestion, inhalation, and dermal contact.
- To prevent the exposure to soil which contains noncarcinogens that present a total noncarcinogenic HI > 1 for all site-related contaminants via ingestion, inhalation, and dermal contact.
- To prevent direct contact with the landfill contents that presents a physical hazard.
- To maintain the long-term cover integrity.

Close Out

The RAO discussion was finalized and Ms. Reinig was tasked to prepare draft RAOs for review by meeting attendees. The decision was made to end the meeting following the completion of the RAO discussion. A teleconference call to discuss the ARARs was scheduled for Thursday, 30 October 2003 at 2 pm Eastern Standard Time. Participants will be Ms. Massenburg and Ms.

Van Leeuwen of U.S. EPA; Ms. Fliss, IDEM; Mr. Moses and Mr. Herring of USACE; Mr. Hosmer and Mr. Wolfert of ARCADIS; and Mr. Kapuscinski.

The meeting was adjourned at approximately 1700 on October 28.

IV. ACTION ITEMS

Action items are listed below with responsible individual(s) noted in parentheses.

1. Prepare draft RAOs for review and distribute via email by Monday, 03 Nov 03 (Reinig).
2. Provide teleconference dial-in information for 30 Oct 03 ARARs discussion (Massenburg).
3. Prepare remedial action proposal to achieve RAOs (PRP Consultants).
4. Confirm status of Interagency Agreement between U.S. EPA and USACE (Massenburg and Reinig).

V. NEXT MEETING

The next team meeting is tentatively scheduled for 19 or 20 November 2003 in conjunction with the planned redevelopment meeting and site tour at Elkhart, Indiana on 19 November 2003. Potential agenda items include the finalization of RAOs and the ARARs and the review and discussion of the proposed remedy components.